



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hiroaki Sata et al.

Application No.: 10/584,462

Filing Date: June 22, 2006

Title: POLARIZING PLATE AND LIQUID
CRYSTAL DISPLAY

) Group Art Unit:
)
) Examiner:
)
) Confirmation No.: 3316
)
)
)
)
)
)

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find attached our Transmittal Letter, Notification of Missing Requirements dated March 23, 2007, executed Declaration and a copy of the stamped posted stating that we filed the missing requirements on April 6, 2007 in the U.S. Patent and Trademark Office.

Should the Examiner have any questions concerning the subject application, the Examiner is invited to contact the undersigned attorney at the number provided.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date August 30, 2007

By:

Robert G. Mukai
Registration No. 28531

P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620

35

PCT Postcard

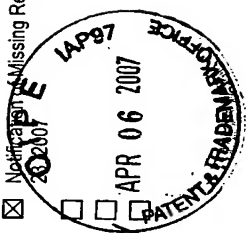
Applicant/Inventor: Hiroaki SATA et al. Appl. No.: 10/584,462 Filing Date: June 22, 2006
Docket No.: 1019519-000536 Working Atty.: Robert G. Mukai / rsc Date: April 6, 2007
Title: POLARIZING PLATE AND LIQUID CRYSTAL DISPLAY

Dkt. Clerk Initials

DS

The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon:

- | | | |
|---|--|---|
| <input type="checkbox"/> Transmittal Letter to the U.S. Receiving Office/Response to Invitation (PTO-1382) | <input type="checkbox"/> PCT Demand (PCT/PEA/401) International Preliminary Examination Report | <input type="checkbox"/> Patent Application Data Sheet |
| <input checked="" type="checkbox"/> Transmittal Letter to U.S. Designated/Elected Office (DO/EU/US) Concerning Filing Under 35 USC 371 (PTO-1390) | <input type="checkbox"/> PCT Fee Calculation Sheet Annex to Demand for Intl. Prel. Exam. (PCT/PEA/401 (Annex)) | <input type="checkbox"/> Gen. Authorization for Petition for Ext. of Time and Payment of Fees |
| <input type="checkbox"/> PCT Request (PCT/RO/101) () pgs. | <input type="checkbox"/> PCT Notice of Confirmation of Precautionary Designations (PCT/RO/144) | <input type="checkbox"/> Diskette |
| | <input checked="" type="checkbox"/> Executed Declaration/Power of Attorney | <input type="checkbox"/> Charge \$_____ to Deposit Account |
| | <input type="checkbox"/> Unexecuted Declaration/Power of Attorney | <input checked="" type="checkbox"/> Charge \$130.00 to credit card. Form PTO-2038 is attached |
| | <input type="checkbox"/> Assignment/Assignment Recordation Form Cover Sheet (PTO-1595) | <input checked="" type="checkbox"/> Notification of Missing Requirements dated March 20, 2007 |
| | <input type="checkbox"/> Appointment of Agent | <input type="checkbox"/> _____ |
| | <input type="checkbox"/> Preliminary Amendment | <input type="checkbox"/> _____ |
| | <input type="checkbox"/> Information Disclosure Statement Transmittal | <input type="checkbox"/> _____ |
| | <input type="checkbox"/> Information Disclosure Citation (PTO-1449) | <input type="checkbox"/> _____ |
| | <input type="checkbox"/> Information Disclosure Statement w/ _____ document(s) | <input type="checkbox"/> _____ |
- INCLUDING:
- ☐ Specification (pages 1-) pages)
- ☐ Claims (claims 1-) pages)
- ☐ Drawings (Figs. 1-) pages)
- ☐ Abstract of the Disclosure
- ☐ PCT Fee Calculation Sheet Annex to the Request (PCT/RO/101 (Annex))



TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NO. 1019519-000536
		U.S. APPLICATION NO. (If known) 10/584,462
INTERNATIONAL APPLICATION NO. PCT/JP2004/019656	INTERNATIONAL FILING DATE 21 December 2004	PRIORITY DATE CLAIMED 25 December 2003
TITLE OF INVENTION POLARIZING PLATE AND LIQUID CRYSTAL DISPLAY		
APPLICANT(S) FOR DO/EO/US Hiroaki SATA, Tadashi ITO, and Yosuke NISHIURA (deceased) by Takako NISHIURA as Legal Representative		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p style="margin-left: 20px;">Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Notification of Missing Requirements dated March 23, 2007 		

DOCKETED
 filed 4/6/07 *HT*

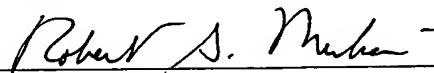
U.S. APPLICATION NO. (If known) 10/584,462	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NO. 1019519-000536
---	-------------------------------	---

The following fees have been submitted:				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/>	Basic National fee (37 CFR 1.492(a)) (1631) \$ 300			\$ 0	
22. <input type="checkbox"/>	Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1643) \$ 0 All other situations (1633) \$ 200			\$ 0	
23. <input type="checkbox"/>	Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) (1640) \$ 0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority (1641) \$ 100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB (1642) \$ 400 All other situations (1632) \$ 500			\$ 0	
TOTAL OF 21, 22 AND 23 =				\$ 0	
<input type="checkbox"/>	Additional fee for specifications and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$ 250 (1681) for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
0	-100 = 0	/50 = 0	x \$ 250	\$ 0	
<input checked="" type="checkbox"/> Surcharge of \$ 130 (1617) for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	0	- 20 = 0	x \$ 50 (1615)	\$ 0	
Independent Claims	0	- 3 = 0	x \$ 200 (1614)	\$ 0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$ 360 (1616)	\$ 0	
TOTAL OF ABOVE CALCULATIONS =				\$ 130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2				0	
SUBTOTAL =				\$ 130.00	
Processing fee of \$ 130 (1618) for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				0	
TOTAL NATIONAL FEE =				\$ 130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$ 40 per property				0	
TOTAL FEES ENCLOSED =				\$ 130.00	
08/31/2007 GFREY1 00000120 10584462				Amount to be refunded:	\$
01 FC:16:7 130.00 OP				Amount to be charged:	\$

- a. ☐ A check in the amount of _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 02-4800 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.
- d. ☒ Charge \$130.00 to credit card. Form PTO-2038 is attached.
- NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Customer No 21839
P.O. Box 1404
Alexandria, VA 22313-1404
703 836 6620
Date: April 6, 2007


SIGNATURE

Robert G. Mukai
NAME

28531
REGISTRATION NO.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/584,462	Hiroaki Sata	1019519-000536

INTERNATIONAL APPLICATION NO.

PCT/JP04/19656

I.A. FILING DATE	PRIORITY DATE
------------------	---------------

12/21/2004

12/25/2003

21839
BUCHANAN, INGERSOLL & ROONEY PC
POST OFFICE BOX 1404
ALEXANDRIA, VA 22313-1404

CONFIRMATION NO. 3316

371 FORMALITIES LETTER



OC000000023054786

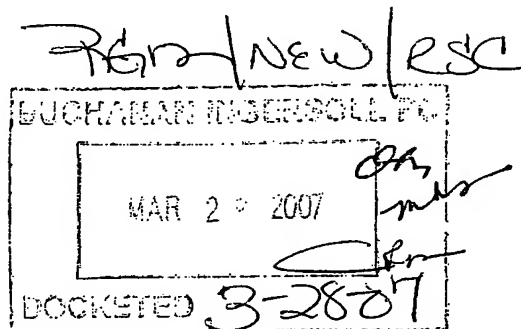
Date Mailed: 03/23/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/22/2006
- Copy of the International Search Report filed on 06/22/2006
- Preliminary Amendments filed on 06/22/2006
- Information Disclosure Statements filed on 06/22/2006
- U.S. Basic National Fees filed on 06/22/2006
- Priority Documents filed on 06/22/2006

MAR 29 2007



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

Missing Parts Due 5-23-07

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/584,462	PCT/JP04/19656	1019519-000536